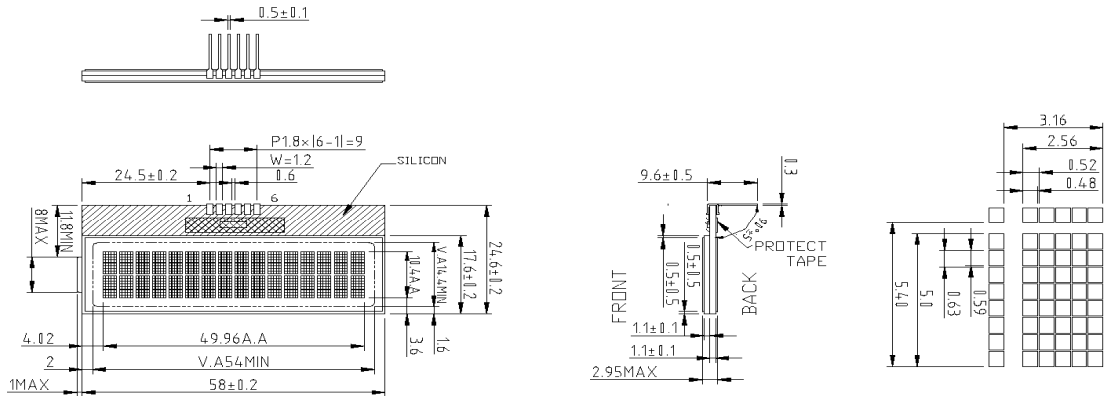


Dimension



- NOTE:
- 1.DISPLAY TYPE : STN/GRAY MODE
 - 2.VIEWING DIRECTION : 6 O' CLOCK
 - 3.POLARIZER MODE : TRANSFLECTIVE/POSITIVE
 - 4.OPERATING TEMP : -20° C--+70 °C
 - 5.STORAGE TEMP : -30 °C--+80 °C
 - 6.OPERATING VOLTAGE : 4.4V
 - 7.LOGIC VOLTAGE : 3.0V
 - 8.DRIVE METHOD : DUTY1/16 BIAS 1/5
 - 9.CONTROLLER : NT7651H-DBT02
 - 10.CONNECTION : COG AND PIN

PIN DESCRIPTION

NO.	1	2	3	4	5	6
SYM BDL	SCL	RES ET	SDA	VDD	VSS	VLCD

FEATURE

1. STN, Positive, Transflective, Backlight: NA
2. IC: NT7651H-BDT02
3. 1/16 Duty, 1/5 Bias, 6 O'clock
4. Display dot: Blue, Background: Gray

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	SCL	I ² C-bus serial clock input
2	Reset	Reset input
3	SDA	I ² C-bus serial data input/output
4	VDD	Power supply
5	VSS	Ground
6	VLCD	LCD driver supply voltages

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	58.0(W) × 24.6(H) × 2.95MAX(T)	mm
Viewing Area	54.0MIN(W) × 14.4MIN(H)	mm
Dot Size	0.48(W) × 0.59(H)	mm
Dot Pitch	0.52(W) × 0.63(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.5	—	+6.5	V
Input Voltage	VIN	-0.5	—	VDD+0.5	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH	H Level	0.8VDD	—	VDD	V
	VIL	L Level	VSS	—	0.2VDD	
Supply Current	IDD	VDD=3V	—	—	1.0	mA
Supply Voltage For Logic	VDD-VSS	—	2.4	3	3.6	V
Supply Voltage For LCD	VDD-VLCD	Ta=25°C	4.1	4.4	4.7	V